

yield. Improved plant height and forage yield due to the absence of the dormancy-type response to the decreasing photoperiods of mid- to late summer. Mean extended height of the 21 parental clones was 118, 120, and 140% of that of the cultivar Monarch for the first, second, and third harvests, respectively. Mean total herbage yield and mean plant spread of the clones were 164 and 140% of that of Monarch, respectively. Mean seed weight similar to that of Monarch and ranged from 3.79 to 4.99 g/1000 seeds.

PI 578124. *Astragalus cicer* L.

Breeding. "C-24"; W6 15067. GP-127. Pedigree - 11 parental clones trace to a 304-plant population from Monarch used to develop Windsor. Two cycles of recurrent selection for extended plant height and herbage yield. Improved plant height and forage yield due to the absence of the dormancy-type response to the decreasing photoperiods of mid- to late summer. Mean extended height of the 11 parental clones was 129, 134, and 153% of that of the cultivar Monarch for the first, second, and third harvests, respectively. Mean total herbage yield and mean plant spread of the clones were 121 and 65% of that of Monarch, respectively. Mean seed weight similar to that of Monarch and ranged from 3.48 to 4.71 g/1000 seeds.

The following were donated by David W. Davis, University of Minnesota, Department of Horticultural Sciences, 305 Alderman Hall, St. Paul, Minnesota 55108, United States. Received 03/04/1994.

PI 578125. *Zea mays* L. ssp. *mays*

Breeding. "AS12". Developed in United States. Pedigree - Developed from composite of 11 U.S. sweet corn and 17 latin races and cultigens by recurrent phenotypic selection, with recombination, followed by pedigree selection and final bulking. Open pollinated sugary (su) population having high resistance to common leaf rust (*Puccinia sorghi*), typically scoring 1.5 to 2.5 on a 0 to 9 visual scale where 0 = absence of symptoms and 1 to 9 = 0.68, 2.1, 5.7, 11.5, 20, 36, 55, 80 and 96% diseased leaf area, respectively. Plants generally single stalked, narrow leafed, and possess medium vigor under Minnesota conditions. Ears dark-silked, possess 14-16 rows. Flowers at about 1200 heat units. Kernels small, medium yellow.

The following were developed by Asgrow Seed Company, United States. Received 03/03/1994.

PI 578126. *Allium cepa* L.

Cultivar. "SERRANA". PVP 9400071.

PI 578127. *Allium cepa* L.

Cultivar. "REGIA". PVP 9400072.

PI 578128. *Allium cepa* L.

Cultivar. "XP6702". PVP 9400073.

The following were developed by Northrup King Company, United States. Received 03/03/1994.

PI 578129. *Zea mays* L. ssp. *mays*

Cultivar. "910". PVP 9400100.

The following were developed by FFR Cooperative, United States. Received 03/03/1994.